



Residential Code **Sprinkler** Requirements 2007

Building Safety Room 210 City Hall Duluth MN 55802 Ph 218/730-5300 Fax 730-5159

New to the Minnesota State Building Code in 2007 are requirements for automatic sprinkler systems in SOME buildings regulated by the residential building code.

Minnesota State Building Code Section 1309.0301

R301.1.4 Automatic sprinkler systems (general). All IRC 2 and IRC 3 buildings shall be provided with an automatic sprinkler system.

Exception:

IRC 2 and IRC 3 buildings less than or equal to 9,250 square feet of floor area. Floor area shall include all floors, basements, and garages.

R301.1.4.1 State licensed facilities IRC 1, IRC 2, and IRC 3 buildings containing facilities licensed by the state of Minnesota shall be provided with a fire suppression system **as required by the applicable licensing provisions or this section, whichever is more restrictive.**

R301.1.4.2 Installation requirements Where an automatic sprinkler system is required in an IRC 2 and IRC 3 building, it shall be installed in accordance with NFPA 13D 2002 edition and the following: Attached garages are required to have automatic sprinklers with a minimum of one dry head, located within five lineal feet of each door installed in the common wall separating the dwelling unit and the attached garage. Attached covered patios, covered decks, covered porches, and similar structures are required to have automatic sprinklers with a minimum of one dry head for every 20 lineal feet of common wall between the dwelling unit and the covered patios, covered decks, covered porches, and similar structures.

Exception:

Attached roofs of covered patios, covered decks, covered porches, and similar structures that do not exceed 40 square feet of floor area.

For the purposes of this section, fire resistance rated floor, wall, or ceiling assemblies separating dwelling units of IRC 2 and IRC 3 buildings shall not constitute separate buildings.